



# spermquick

SPERM MOTILITY ENHANCER

**CHARACTERISTICS: PH (AT 37°C) 7.20-7.60 OSMOLALITY (MOSM/KG) 280-320 STERILITY STERILE FILTERED ENDOTOXINS (EU/ML) < 0.50 SPERM SURVIVAL TEST ≥80% SURVIVAL AFTER 4 HOURS EXPOSURE OF DENSITY SELECTED SPERMATOZOEA TO THE TEST MEDIUM.**

**COMPONENTS: NACL – KCL – KH<sub>2</sub>PO<sub>4</sub> – CaCl<sub>2</sub> – MgSO<sub>4</sub> – THEOPHYLLINE – PHENOL RED SODIUM SALT – HEPES – NAHCO<sub>3</sub>**

Material included in the package:

Product code: 1 x 5 ml SQ001PHC Spermquick

Material not included in the package:

- Incubator (no CO<sub>2</sub> )
- Petri-dishes
- LAF bench (ISO 5 environment)
- Microscope
- Test tubes

Instructions for use:

- Do not equilibrate in a CO<sub>2</sub> -incubator, just warm it up to 37°C. SpermQuick is HEPES-buffered. Incubation in a CO<sub>2</sub> -incubator will lower the pH.
- To facilitate sperm-activation add 1:1 dilution SpermQuick : Washed or diluted Sample) in sperm preparation-medium inside the Petri-dishes.
- SpermQuick should be added to the opposing side from where the sperms are to be aspirated.
- Wait for 10 minutes. The activating effect initiates after a few minutes and lasts for up to one hour.
- The dish should be placed on a heating plate (37°C) during the diagnostic evaluation.

This product is Manufactured and licensed by Pylon Healthcare [www.Pylon-Healthcare.com](http://www.Pylon-Healthcare.com)

Precautions and warnings:

- Handle all specimens as if capable of transmitting HIV or hepatitis. Always wear protective clothing when handling specimens.
- Always work under strict hygienic conditions (ISO 5 environment, e.g. LAF-bench) to avoid possible contamination.
- Do not use the product if it becomes discoloured, cloudy, or shows any evidence of microbial contamination.
- Do not use the product if seal of the container is opened or defective when the product is delivered.
- The concentration of some of the salts leads to the occasional formation of precipitate at 2-8°C storage temperature. It is dissolved completely when warmed at 37°C (within 24 h) and does not compromise function and safety of the product.

Storage instructions and stability:

- The shelf life is 6 month from time of manufacture.
- Store between 2-8°C.
- Do not freeze before use.
- Keep away from (sun) light.
- The product can be used safely up to 7 days after opening the rubber, when sterile conditions are maintained and the products are stored at 2-8°C.
- Stable after transport (max. 5 days) at elevated temperature ( $\leq 37^{\circ}\text{C}$ ).
- Do not use after expiry date.